# Tetsuya Hori

List of Publications by Year
in descending order



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|---|---|---|---|
| 25 papers | 2,533 citations | 331670 21 h-index | 580821 25 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 1954 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The CENP-Hâ€“I complex is required for the efficient incorporation of newly synthesized CENP-A into centromeres. Nature Cell Biology, 2006, 8, 446-457. | 10.3 | 437 |
| 2 | CCAN Makes Multiple Contacts with Centromeric DNA to Provide Distinct Pathways to the Outer Kinetochore. Cell, 2008, 135, 1039-1052. | 28.9 | 352 |
| 3 | The CCAN recruits CENP-A to the centromere and forms the structural core for kinetochore assembly. Journal of Cell Biology, 2013, 200, 45-60. | 5.2 | 182 |
| 4 | Chickens possess centromeres with both extended tandem repeats and short non-tandem-repetitive sequences. Genome Research, 2010, 20, 1219-1228. | 5.5 | 158 |
| 5 | <i>Wpkci</i>, Encoding an Altered Form of<i>PKCI</i>, Is Conserved Widely on the Avian W Chromosome and Expressed in Early Female Embryos: Implication of Its Role in Female Sex Determination. Molecular Biology of the Cell, 2000, 11, 3645-3660. | 2.1 | 156 |
| 6 | Chromosome Engineering Allows the Efficient Isolation of Vertebrate Neocentromeres. Developmental Cell, 2013, 24, 635-648. | 7.0 | 155 |
| 7 | The CENP-S complex is essential for the stable assembly of outer kinetochore structure. Journal of Cell Biology, 2009, 186, 173-182. | 5.2 | 132 |
| 8 | CENP-O Class Proteins Form a Stable Complex and Are Required for Proper Kinetochore Function. Molecular Biology of the Cell, 2008, 19, 843-854. | 2.1 | 123 |
| 9 | CENP-C Is Involved in Chromosome Segregation, Mitotic Checkpoint Function, and Kinetochore Assembly. Molecular Biology of the Cell, 2007, 18, 2155-2168. | 2.1 | 107 |
| 10 | Histone H4 Lys 20 Monomethylation of the CENP-A Nucleosome Is Essential for Kinetochore Assembly. Developmental Cell, 2014, 29, 740-749. | 7.0 | 101 |
| 11 | Vertebrate kinetochore protein architecture: protein copy number. Journal of Cell Biology, 2010, 189, 937-943. | 5.2 | 80 |
| 12 | The Constitutive Centromere Component CENP-50 Is Required for Recovery from Spindle Damage. Molecular and Cellular Biology, 2005, 25, 10315-10328. | 2.3 | 69 |
| 13 | Acetylation of histone H4 lysine 5 and 12 is required for CENP-A deposition into centromeres. Nature Communications, 2016, 7, 13465. | 12.8 | 66 |
| 14 | Characterization of DNA sequences constituting the terminal heterochromatin of the chicken Z chromosome. Chromosome Research, 1996, 4, 411-426. | 2.2 | 65 |
| 15 | Dynamic changes in CCAN organization through CENP-C during cell-cycle progression. Molecular Biology of the Cell, 2015, 26, 3768-3776. | 2.1 | 62 |
| 16 | Absence of Z-chromosome inactivation for five genes in male chickens. Chromosome Research, 2001, 9, 457-468. | 2.2 | 55 |
| 17 | Cryo-EM Structures of Centromeric Tri-nucleosomes Containing a Central CENP-A Nucleosome. Structure, 2020, 28, 44-53.e4. | 3.3 | 47 |
| 18 | Whole-proteome genetic analysis of dependencies in assembly of a vertebrate kinetochore. Journal of Cell Biology, 2015, 211, 1141-1156. | 5.2 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | HJURP is involved in the expansion of centromeric chromatin. Molecular Biology of the Cell, 2015, 26, 2742-2754. | 2.1 | 38 |
| 20 | 3D genomic architecture reveals that neocentromeres associate with heterochromatin regions. Journal of Cell Biology, 2019, 218, 134-149. | 5.2 | 31 |
| 21 | Constitutive centromere-associated network controls centromere drift in vertebrate cells. Journal of Cell Biology, 2017, 216, 101-113. | 5.2 | 29 |
| 22 | H3K9me3 maintenance on a Human Artificial Chromosome is required for segregation but not centromere epigenetic memory. Journal of Cell Science, 2020, 133, . | 2.0 | 15 |
| 23 | Chromatin binding of RCC1 during mitosis is important for its nuclear localization in interphase. Molecular Biology of the Cell, 2016, 27, 371-381. | 2.1 | 14 |
| 24 | Essentiality of CENP-A Depends on Its Binding Mode to HJURP. Cell Reports, 2020, 33, 108388. | 6.4 | 9 |
| 25 | Artificial generation of centromeres and kinetochores to understand their structure and function. Experimental Cell Research, 2020, 389, 111898. | 2.6 | 8 |